

Amendment and Response

Applicant: John M. Hall

Serial No.: 09/810,281

Filed: March 15, 2001

Docket No.: 10004375-1

Title: NETWORK SYSTEM AND METHOD FOR PROVIDING USER-RELATIVE ADDRESSING

IN THE CLAIMS

Please amend claims 1 and 14 as follows:

1.(Currently Amended) A method of providing user-relative addressing in a computer network environment, the method comprising:

associating a plurality of user-relative destinations with a corresponding plurality of actions;

receiving a first user-relative destination for a communication;

receiving user identification information identifying a sender of the communication;

identifying a first action in the plurality of actions associated with the first user-relative destination; and

determining a first absolute destination for the communication based on the first action and the user identification information.

2.(Original) The method of claim 1, wherein the network includes a directory server, and wherein the determination of the first absolute destination is made by retrieving from the directory server the first absolute destination based on the first action and the user identification information.

3.(Original) The method of claim 2, wherein the directory server is an LDAP server.

4.(Original) The method of claim 1, wherein the user identification information is an email address.

5.(Original) The method of claim 1, wherein the user identification information is a user name.

6.(Original) The method of claim 1, wherein the first absolute destination is an email address.

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7.(Original) The method of claim 1, wherein the first absolute destination is a plurality of email addresses.

8.(Original) The method of claim 1, wherein the first absolute destination is a fax phone number.

9.(Original) The method of claim 1, wherein the first absolute destination is a plurality of fax phone numbers.

10.(Original) The method of claim 1, and further comprising providing a mapping table that associates the plurality of user-relative destinations with the corresponding plurality of actions.

11.(Original) A network device configured to be coupled to a computer network having a directory server, the network device comprising:

- a receiver for receiving a communication, the communication including destination information and sender identification information;

- a memory for storing search information identifying searches associated with sender-relative destinations; and

- a controller coupled to the receiver and the memory, the controller configured to:
 - identify whether the destination information specifies a sender-relative destination; perform at least one search of the directory server based on the stored search information and the sender identification information if the destination information specifies a sender-relative destination; and identify at least one absolute destination based on the search.

12.(Original) The network device of claim 11, wherein the memory stores a mapping table that includes the search information identifying searches associated with sender-relative destinations.

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13.(Original) The network device of claim 11, wherein the memory stores an address resolving process, and wherein the controller is configured to identify the at least one absolute destination based on information in the stored mapping table and in the stored address resolving process.

14.(Currently Amended) A computer-readable medium having computer-executable instructions for performing a method of providing user-relative addressing in a computer network comprising:

associating a plurality of user-relative destinations with a corresponding plurality of actions;

receiving a first user-relative destination for a communication;

receiving user identification information identifying a sender of the communication;

identifying a first action in the plurality of actions associated with the first user-relative destination; and

determining a first absolute destination for the communication based on the first action and the user identification information.

15.(Original) The medium of claim 14, wherein the network includes a directory server, and wherein the determination of the first absolute destination is made by retrieving from the directory server the first absolute destination based on the first action and the user identification information.

16.(Original) The medium of claim 14, wherein the first absolute destination is a fax phone number.

17.(Original) The medium of claim 14, wherein the method further comprises providing a mapping table that associates the plurality of user-relative destinations with the corresponding plurality of actions.

18.(Original) A method of providing user-relative addressing in a computer network, the method comprising:

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receiving a communication including destination information and sender identification information, the destination information including a first sender-relative destination;

determining whether the destination information specifies a sender-relative destination;

accessing a sender record based on the received sender identification information;

providing action information identifying a plurality of actions associated with a plurality of sender-relative destinations;

identifying a first action in the action information based on the received destination information, the first action associated with the first sender-relative destination;

identifying a first attribute in the sender record based on the first action and the received destination information;

determining a first absolute destination based on the first attribute.

19.(Original) The method of claim 18, wherein the network includes a directory server, and wherein the sender record is accessed from the directory server, and wherein the determination of the first absolute destination is made by retrieving from the directory server the first absolute destination based on the first attribute.

20.(Original) The method of claim 18, and further comprising providing a mapping table that associates the plurality of actions with the plurality of sender-relative destinations.

21.(Original) The method of claim 18, and further comprising:

accessing a plurality of employee records based on the first action;

comparing a first attribute in each employee record with the first attribute in the sender record;

identifying employee records with a first attribute that matches the first attribute of the sender's record;

determining a plurality of absolute destinations based on the identified employee records.